

OMB No. 0651-0011 (12/31/86)

#4
Sheet 1 of 11U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

MISTY-52064

SERIAL NO.

09/358,280

INFORMATION DISCLOSURE CITATION

(Use Several Sheets if Necessary)

APPLICANT

STEVEN M. UTTER

FILING DATE

July 21, 1999

GROUP

3752

U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB CLASS | FILING DATE IF APPLICABLE |
|---------------------|-----------------|---------|---------------|-------|--------------|------------------------------|
| icw | 876,453 | 01/1908 | W.H. HEARD | | | |
| | 3,107,069 | 10/1963 | J.E. DRAIM | | | |
| | 4,526,298 | 07/1985 | BOXER ET AL. | | | |
| | 638,207 | 11/1899 | RICE | 239 | 531 | |
| | 5,060,833 | 10/1991 | EDISON ET AL. | 222 | x175 | |
| icw | 4,807,813 | 02/1989 | COLEMAN | 222 | x175 | |

FOREIGN PATENT DOCUMENTS

| | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB CLASS | TRANSLATION | |
|-----|-----------------|--------------|-------------|-------|--------------|-------------|----|
| | | | | | | YES | NO |
| icw | 754,269 | NOV. 3, 1993 | FRANCE | | | | |
| icw | 387,374 | 15 MAY, 1965 | SWITZERLAND | | | | |
| icw | 1,912,328 | 14 MAY, 1970 | GERMANY | | | | |

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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| | INTERNATIONAL SEARCH REPORT RE PCT/US95/12918, DATED 04/03/1996 |
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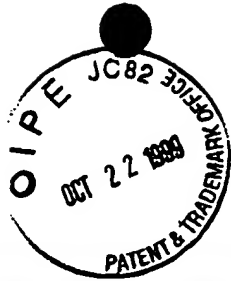
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Form PTO-FB-A820

(also form PTO-1449)

U.S. DEPARTMENT OF COMMERCE
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|---------------------|-----------------|---------|----------------|-------|--------------|------------------------------|
| KW | 5,150,819 | 08/1992 | JOHNSON ET AL. | 222 | 79 | |
| | 2,723,161 | 11/1955 | COVINGTON | 239 | x322 | |
| | 3,342,379 | 09/1967 | PEREDY | 239 | x323 | |
| | 2,513,455 | 07/1950 | CORNELIUS | 239 | x323 | |
| | 5,141,462 | 08/1992 | LATZEL | 222 | x79 | |
| KW | 3,993,245 | 11/1976 | SMITH | | | |

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| | | | | | | YES | NO |
| KW | 41,354 | 12/1929 | DENMARK | 4 | 616 | | |
| KW | 63,752 | 3/1914 | GERMANY | 239 | 152 | | |
| KW | 1,164,746 | 10/1958 | FRANCE | 239 | 154 | | |

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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2/17/2000

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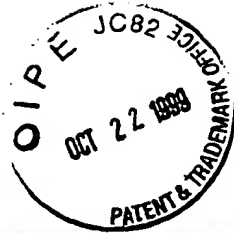
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Form PTO-FB-A820

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|---------------------|-----------------|---------|-------------------|-------|--------------|------------------------------|
| KW | 3,228,558 | 01/1966 | J.C. DOYLE ET AL. | | | |
| | 4,067,485 | 01/1978 | SOIN | | | |
| | 4,328,843 | 05/1982 | FUJII | | | |
| | 1,042,627 | 10/1912 | W.U. WATSON | | | |
| | 4,836,409 | 06/1989 | LANE | | | |
| KW | 3,539,110 | 11/1970 | T. KOBAYASHI | | | |

FOREIGN PATENT DOCUMENTS

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| | | | | | | YES | NO |
| 1 KW | 3,544,660 | 6/1987 | GERMANY | 236 | 332 | | |
| KW | 675,036 | 9/1962 | ITALY | 239 | 323 | | |
| KW | 2,165,341 | 3-8-1973 | FRANCE | | | | |

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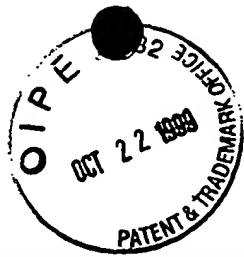
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KW Wade

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|---------------------|-----------------|---------|--------------------|-------|--------------|------------------------------|
| 16W | 3,190,562 | 06/1965 | H.T. ATWOOD ET AL. | | | |
| | 2,924,359 | 02/1960 | D.G. BEREMAND | | | |
| | 2,865,541 | 12/1958 | H.F. HICKS | | | |
| | 4,120,425 | 10/1978 | BETHURUM | | | |
| | 4,721,250 | 01/1988 | KENNEDY ET AL. | | | |
| | 4,867,344 | 09/1989 | BITTERLY | | | |

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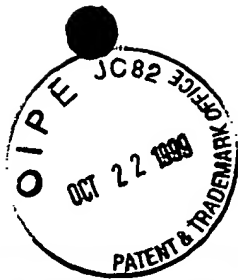
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INFORMATION DISCLOSURE CITATION

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STEVEN M. UTTER

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July 21, 1999

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U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB CLASS | FILING DATE IF APPLICABLE |
|---------------------|-----------------|---------|---------------|-------|--------------|------------------------------|
| 16 | 2,083,039 | 06/1937 | E.M. SEARLS | 1 | 1 | |
| 1 | 2,684,787 | 07/1954 | E.B. CHARPIAT | 1 | 1 | |
| 1 | 5,478,015 | 12/1995 | BLACK | 239 | x152 | |
| 1 | 4,407,454 | 10/1983 | MASSEY | 1 | 1 | |
| 1 | 5,154,324 | 10/1992 | STRATFORD | 1 | 1 | |
| 1 | 5,158,212 | 10/1992 | SIRHAN | 1 | 1 | |

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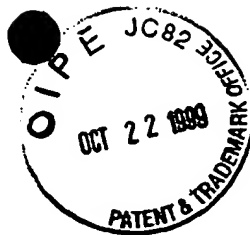
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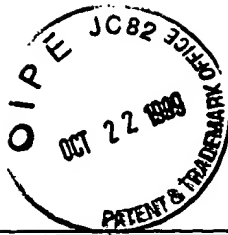


OMB No. 0651-0011 (12/31/86)

Sheet 6 of 11

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| U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE CITATION (Use Several Sheets if Necessary) | | | | ATTY. DOCKET NO. MISTY-52064 | | SERIAL NO. 09/358,280 | |
| | | | | APPLICANT STEVEN M. UTTER | | | |
| | | | | FILING DATE July 21, 1999 | | GROUP 3752 | |
| U.S. PATENT DOCUMENTS | | | | | | | |
| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB CLASS | FILING DATE IF APPLICABLE |
| <i>IC</i> | | 4,688,643 | 08/1987 | CARTER ET AL. | — | — | |
| | | 3,524,475 | 08/1970 | C.H. KIRK, JR. | — | — | |
| | | 4,048,994 | 09/1977 | LO | — | — | |
| | | 5,069,363 | 12/1991 | DAIMLER | — | — | |
| | | 1,731,767 | 10/1929 | G.F. CRAMER | — | — | |
| <i>IC</i> | | 4,043,510 | 08/1977 | MORRIS | — | — | |
| FOREIGN PATENT DOCUMENTS | | | | | | | |
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09/358,280

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(Use Several Sheets if Necessary)

APPLICANT

STEVEN M. UTTER

FILING DATE

July 21, 1999

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U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB CLASS | FILING DATE IF APPLICABLE |
|---------------------|-----------------|---------|------------------------|-------|--------------|------------------------------|
| 125 | 3,116,856 | 01/1964 | S.B. PRUSSIN ET AL. | 1 | 1 | |
| | 3,018,970 | 01/1962 | E.H. WITTENBERG ET AL. | 1 | 1 | |
| | 3,450,163 | 06/1969 | J.H. MERCIER ET AL. | 1 | 1 | |
| | 3,184,113 | 05/1965 | CURTIS | 1 | 1 | |
| | 3,469,578 | 09/1969 | H.R. BIERMAN | 1 | 1 | |
| 12 | 4,875,508 | 10/1989 | BURKE II ET AL. | 1 | 1 | |

FOREIGN PATENT DOCUMENTS

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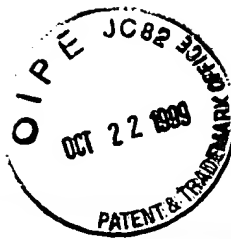
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2/12/2000

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U.S. PATENT DOCUMENTS

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|---------------------|-----------------|---------|---------------|-------|--------------|------------------------------|
| 100 | 3,421,697 | 01/1969 | P.E. MARKS | | | |
| | 4,651,903 | 03/1987 | PAGLIAI | | | |
| | 3,802,511 | 04/1974 | GOOD, JR. | | | |
| | 2,911,157 | 11/1959 | S. CONVERSE | | | |
| | 3,352,364 | 11/1967 | C.J. DE COSTE | | | |
| 100 | 5,104,016 | 04/1992 | RUNKEL | 222 | x175 | |

FOREIGN PATENT DOCUMENTS

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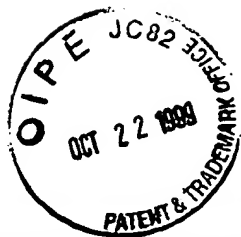
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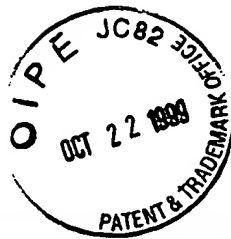
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| U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | | | | ATTY. DOCKET NO. MISTY-52064 | | SERIAL NO. 09/358,280 | | |
| INFORMATION DISCLOSURE CITATION (Use Several Sheets if Necessary) | | | | APPLICANT STEVEN M. UTTER | | | | |
| | | | | FILING DATE July 21, 1999 | | GROUP 3752 | | |
| U.S. PATENT DOCUMENTS | | | | | | | | |
| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB CLASS | FILING DATE IF APPLICABLE | |
| <i>W</i> | | 4,458,830 | 07/1984 | WERDING | <i>I</i> | <i>I</i> | | |
| | | 1,382,397 | 06/1921 | WHITEHOUSE | | | | |
| | | 2,744,662 | 05/1956 | A.P. SMITH ET AL. | | | | |
| | | 3,174,658 | 03/1965 | E.H. WITTENBERG ET AL. | | | | |
| | | 2,735,589 | 02/1956 | A.N. MILSTER | | | | |
| <i>W</i> | | 803,661 | 11/1905 | P. BRANDT | | | | |
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| EXAMINER <i>Ken Wolk</i> | | | | DATE CONSIDERED <i>2/17/2000</i> | | | | |
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|---------------------|-----------------|---------------|-----------|-------------------------------------|-------------------------------------|------------------------------|
| ACW | 4,206,877 | 06/1980 | HOZA, III | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | |
| | 5,158,208 | 10/1992 | WILSON | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | |
| | 5,072,856 | 12/1991 | KIMBLE | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | |
| | 5,620,140 | APR. 15, 1997 | UTTER | 239 | 153 | |
| | 5,535,951 | JUL. 16, 1996 | UTTER | 239 | 322 | |
| | 5,622,056 | APR. 22, 1997 | UTTER | 239 | x322 | |

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|---------------------|-----------------|--------------|----------|-------|--------------|------------------------------|
| scs | 5,775,590 | JUL. 7, 1998 | UTTER | | | |
| | 1,356,657 | 10/1920 | PHISTER | | | |
| | 5,221,026 | 6/1993 | WILLIAMS | | | |
| | 4,397,420 | 8/1983 | JACOBS | | | |
| la | 2,238,093 | 4/1941 | BRANDT | | | |
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